

calculating an actual contraction duration for each of the plurality of actual labor contractions, and an actual contraction interval between each adjacent pair of the actual labor contractions;

displaying the actual durations and actual intervals in sequence on the visible display; and, in alert mode:

selecting an alert set comprising alert minimum durations, alert maximum intervals, alert quantities of said durations and intervals, and Boolean operators;

selecting an initiation time and a termination time for each of a plurality of actual labor contractions, at the onset and diminution thereof respectively;

calculating an actual contraction duration for each of the plurality of actual labor contractions, and an actual contraction interval between each adjacent pair of the actual labor contractions and counting the contraction duration and interval quantities;

displaying the actual durations and actual intervals in sequence on the visible display;

enabling at least one of the visible display and the audible device when the actual durations, actual intervals and actual quantities match the alert set.

10. (New) The method of claim 9 further comprising the step of providing a button of the touch pad enabling the functions of, first, setting device power to the active state by a momentary actuation, and second, signaling the start of a contraction by a second momentary actuation, and alternately completing the power setting and starting simultaneously by a single extended actuation, and signaling contraction end by a further momentary actuation thereof.

11. (New) The method of claim 9 further comprising the step of providing a button of the touch pad enabling the functions of, first, generating a display of the duration of the last contraction by a momentary actuation, then generating a display of the interval between the next to last contraction and the last contraction by a further momentary actuation and enabling further displays of prior contraction durations and intervals by further momentary actuations until all of the stored data are displayed.

12. (New) The method of claim 9 further comprising the step of providing a button of the touch pad enabling the function of setting the device into a practice mode in the first of four states: Early Labor, Active Labor, Transition Labor, and Pushing Labor, wherein each said state is achieved, in turn, through subsequent momentary actuations and repeated in the same order through further momentary actuations.

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13. (New) The method of claim 9 further comprising the step of providing a button of the touch pad enabling the function of setting an instruction mode in one of the states defined as: Interval, Duration, Number, Or, and And, and advancing to each subsequent state thereafter through momentary actuations.

14. (New) The method of claim 9 further comprising the step of providing a button of the touch pad enabling selecting a corresponding interval time, duration time, number of contractions and Boolean operators.
